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### Enzymatic conversion of adenosine to inosine and to N1-methylinosine in transfer RNAs: A review

H Grosjean, S Auxilien, F Constantinesco, C Simon, ... - *Biochimie*, 1996 - Elsevier... Here, we review our research on the formation of **inosine** ... with a purine-35, like in most **inosine**-34 containing ... loop or one of the several **base pairs** in- volved ...[Cited by 43](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 4 versions](#)

### Thermodynamics of base pairing

DH Turner - *Current Opinion in Structural Biology*, 1996 - Elsevier... within the annual period of **review**, have been ... resulting from guanosine replacements by **inosine**. ... riboside5-methylisocytidine wobble **base pair**: an isoenergetic ...[Cited by 39](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 4 versions](#)

### DNA biosensors based on Peptide Nucleic Acid (PNA) recognition layers. A review

J Wang - *Biosensors and Bioelectronics*, 1998 - Elsevier**...** This article **reviews** the structure and unique hybridization ... ppm of the 15-mer single **base mismatch oligomer** ... the use of guanine-free (**inosine**-substituted) PNA ...[Cited by 54](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 4 versions](#)

### F UNCTIONS AND M ECHANISMS OF RNA E DITING

JM Gott, RB Emeson - *Annual Reviews in Genetics*, 2000 - Annual Reviews... pre-mRNAs and that intron-exon **base-pairing** interactions are ... The conversion of adenosine to **inosine** is catalyzed by ... Recent **reviews** of A-to-I editing substrates ...[Cited by 120](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 4 versions](#)

### [HTML] •RNA Editing by Adenosine Deaminases That Act on RNA

BL Bass - *Annual review of biochemistry*, 2002 - pubmedcentral.nih.gov**...** a method specifically developed to identify **inosine**-containing RNAs ... Below I **review** the phenotypes of animals ... within dsRNA that involves **base-pairing** between an ...[Cited by 267](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 4 versions](#)

### Editing of messenger RNA precursors and of tRNAs by adenosine to inosine conversion

W Keller, J Wolf, A Gerber - *FEBS Letters*, 1999 - Elsevier**...** the substitution of bases by modification (for **reviews** see [1 ... This underscores the importance of the **inosine** in the ... tRNAs to function as wobble **base** in codon ...[Cited by 29](#) - [Related articles](#) - [Web Search](#) - [All 4 versions](#)

### Regulatory Sequences Involved in the Promotion and Termination of RNA Transcription

M Rosenberg, D Court - *Annual Reviews in Genetics*, 1979 - Annual Reviews**...** The **base pairs** immediately preceding and following the mRNA startpoints also exhibit some ... it will use in the initiation reaction (for **review**, see Chamberlin ...[Cited by 133](#) - [Related articles](#) - [Web Search](#) - [All 2 versions](#)

### Coordinating properties of the amide bond. Stability and structure of metal ion complexes of ...

H Sigel, RB Martin - *Chemical Reviews*, 1982 - pubs.acs.org**...** Page 3. Coordinating **Properties** of the Amide Bond **Chemical Reviews**, 1982, Vol. 82, No. 4 387 ... B. Protonation The amide group is also a very weak **base**, for N- ...[Cited by 527](#) - [Related articles](#) - [Web Search](#)

**Hybridization properties of base-modified oligonucleotides within the double and triple helix motif**

I Luyten, P Herdewijn - European Journal of Medicinal Chemistry, 1998 - Elsevier

... Abstract - In this **review** we describe the influence of modified nucleobases in order to understand the changes they introduce in ... **properties / base pairing** ...

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**Adenosine-to-inosine conversion in mRNA**

SM Rueter, RB Emerson - Modification and Editing of RNA, 1998 - books.google.com

... actually resulted from the enzymatic modification of specific adenosine residues to a nucleotide with guanosine-like **base pairing properties, inosine** in this ...

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